

ABSTRACT

A method and apparatus (10) for extracting energy from flowing fluids using a diffuser (11) which has side walls (14) formed from a series of aerofoil section members (15) with gaps (29) provided between the leading and trailing ends of the members (15) to allow introduction of fluid from outside of the diffuser (11) into the diffuser flow passage (16) such that increased energy can be extracted from the flowing fluid by a prime mover (20) located in the flow passage (16).